

Docket No.: 0425-1257PUS1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Kazuhiro MACHIDA et al.

Application No.: 10/577,655

Confirmation No.: 3246

Filed: May 1, 2006

Art Unit: 1633

For: DNA PARTICIPATING IN  
HYDROXYLATION OF MACROLIDE  
COMPOUND

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Examiner: J. L. Epps-Smith

**AMENDMENT AFTER FINAL ACTION UNDER 37 C.F.R. 1.116**

MS AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated August 21, 2009, finally rejecting claims 1, 4, 5, 18, and 20-23, please amend the above-identified U.S. patent application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Sequence Listing** begin on page 10 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 11 of this paper.

**Remarks/Arguments** begin on page 26 of this paper.